

A B S T R A C T

5 Intended for application on ducts through which
flow a fluid at a high temperature, and particularly at a
high pressure, comprising two bodies (4) and (8) which
axially screw onto each other, one body (4) provided
with a threaded neck (5) for attachment to the orifice of
10 duct wall (3), which body (4) houses within it sensor
element (2) of the probe which is thus placed inside the
duct, with second body (8) screwed onto first body (4)
and exerting on sensor element (2) the pressure required
to secure it in its housing, with second body (8) further
15 provided with an axial orifice through which passes a
metallic tube (9) open to the exterior and which is
provided with a metallic washer (10), soldered to said
tube (9), which is separated from second body (8) by an
electrically insulating washer (12).